

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A non-porous unitary solid surface structure comprising:

a non-porous unitary matrix including:

a thermoplastic non-copolyester polymeric material; and

a decorative object that is permanently fixated in the matrix, wherein said decorative object extends to at least one edge of said matrix and has a thickness greater than 25 percent and less than or equal to 100 percent that of the thermoplastic non-copolyester polymeric material.

2. (Previously Presented) The solid surface structure of Claim 1, wherein thermoplastic non-copolyester polymeric material includes polymethylmethacrylate.

3. (Withdrawn) The solid surface structure of Claim 1, wherein the thermoplastic non-copolyester polymeric material includes polyvinyl chloride.

4. (Withdrawn) The solid surface structure of Claim 1, wherein the thermoplastic non-copolyester polymeric material includes polycarbonate.

5. (Previously Presented) The solid surface structure of Claim 1, wherein the decorative object includes a dry material selected from the group consisting of textile fabric, paper, plastic film, plastic sheet, metallic wire, rod, mesh, bar, wood veneer, dried natural materials, tree bark, plant leaves, petals, and twigs.

6. (Previously Presented) The solid surface structure of Claim 1, wherein at least one of the outer surfaces of the matrix is embossed or textured.

7. (Currently Amended) A non-porous unitary solid surface structure comprising:
a non-porous unitary matrix, the matrix having at least one edge and including:
a sheet of a first thermoplastic non-copolyester polymeric material; and
a decorative object overlaying the sheet of the first thermoplastic non-copolyester polymeric material that is permanently fixated in the matrix, wherein the decorative object extends to ~~least one~~ the edge of the said matrix and has a thickness greater than 50 percent and less than or equal to 100 percent that of the first sheet of the first thermoplastic non-copolyester polymeric material; and
a sheet of a second thermoplastic non-copolyester polymeric material overlaying the visible decorative object and fused to the sheet of the first thermoplastic non-copolyester polymeric material .

8. (Previously Presented) The solid surface structure of Claim 7, wherein the decorative object includes a dry material selected from the group consisting of textile fabric, paper, plastic film, plastic sheet, metallic wire, rod, mesh, bar, wood veneer, dried natural materials, tree bark, plant leaves, petals, and twigs.

9. (Previously Presented) The solid surface structure of Claim 7, wherein at least one of the outer surfaces of the matrix is embossed or textured.

10. (Currently Amended) A non-porous unitary solid surface structure comprising:
a non-porous unitary matrix, the matrix having at least one edge and including:
a sheet of a first thermoplastic non-copolyester polymeric material; and
a first visible decorative object overlaying the sheet of the first thermoplastic non-copolyester polymeric material that is permanently fixated in the matrix, wherein the decorative object is porous and extends over the entire sheet to least one the each edge of the matrix;
- a sheet of a second thermoplastic non-copolyester polymeric material overlaying the visible decorative object and fused to the sheet of the first thermoplastic non-copolyester polymeric material;
- a second visible decorative object overlaying the sheet of the first thermoplastic non-copolyester polymeric material, wherein the decorative object extends to the edge of the matrix; and
- a sheet of a third thermoplastic non-copolyester polymeric material overlaying the visible decorative object and fused to the sheet of the second thermoplastic non-copolyester polymeric material.
11. (Previously Presented) The solid surface structure of Claim 10, wherein the first and the second visible decorative objects are each made of a dry materials selected from the group consisting of textile fabric, paper, plastic film, plastic sheet, metallic wire, rod, mesh, bar, wood veneer, dried natural materials, tree bark, plant leaves, petals, and twigs.
12. (Previously Presented) The solid surface structure of Claim 10, wherein at least one of the outer surfaces of the matrix is embossed or textured.

13. (Currently Amended) A non-porous unitary solid surface structure comprising:

a non-porous unitary matrix including:

a visible decorative object that is permanently fixated in the matrix, wherein the decorative object extends to at least one edge of the matrix; and

an envelope encompassing the visible object, the envelope including:

a first sheet of a first thermoplastic non-copolyester polymeric material having a thickness substantially less than twice that of the visible decorative objects; and

a second sheet of a second thermoplastic non-copolyester polymeric material having a thickness less than two and greater than or equal to one times that of the visible decorative objects, the second sheet fused to the first sheet such that the decorative object is fixedly sandwiched between the first and second sheets.

14. (Previously Presented) The solid surface structure of Claim 13, wherein the decorative object is made of a dry material selected from the group consisting of textile fabric, paper, plastic film, plastic sheet, metallic wire, rod, mesh, bar, wood veneer, dried natural materials, tree bark, plant leaves, petals, and twigs.

15. (Previously Presented) The solid surface structure of Claim 13, wherein at least one of the outer surfaces of the matrix is embossed or textured.

16. (Currently Amended) A non-porous unitary solid surface structure comprising:
a matrix configured to encapsulate a stratum of a decorative material, the matrix
having at least one edge and including:
a flat non-porous unitary matrix made of a first and a second sheet of a
thermoplastic non-copolyester polymeric material; and
the decorative material having an area substantially greater than 90 percent that of the
first and second sheets, the decorative material being permanently fixated in the
matrix and co-extensive with the at least one edge of the matrix.
17. (Previously Presented) The solid surface structure of Claim 16, wherein the
thermoplastic non-copolyester polymeric includes a material selected from the group consisting
of polymethylmethacrylate, polyvinyl chloride, and polycarbonate.
18. (Withdrawn) The solid surface structure of Claim 16, wherein the matrix is made of
polyvinyl chloride and the visible layer of textured material is made of polyvinyl chloride.
19. (Previously Presented) The solid surface structure of Claim 16, wherein the decorative
material is a textile.

Claims 20 – 39 (Cancelled)

40. (Withdrawn) A countertop comprised of the solid surface structure of Claim 1.
41. (Previously Presented) A sink comprised of the solid surface structure of Claim 1.
42. (Withdrawn) A lavatory comprised of the solid surface structure of Claim 1.
43. (Withdrawn) A desktop comprised of the solid surface structure of Claim 1.
44. (Withdrawn) A table top comprised of the solid surface structure of Claim 1.
45. (Withdrawn) A chair comprised of the solid surface structure of Claim 1.
46. (Withdrawn) A windowsill comprised of the solid surface structure of Claim 1.
47. (Original) The sink of Claim 41, wherein the sink is bowl-shaped.

48. (Withdrawn) The lavatory of Claim 42, including a bowl-shaped basin.

49. (Original) The solid surface structure of Claim 7, where the first thermoplastic non-copolyester polymeric material includes a thermoplastic non-copolyester polymeric material selected from the group consisting of polymethylmethacrylate, polyvinyl chloride, polycarbonate, and combinations thereof.

50. (Original) The solid surface structure of Claim 7, where the second thermoplastic non-copolyester polymeric material includes a thermoplastic non-copolyester polymeric material selected from the group consisting of polymethylmethacrylate, polyvinyl chloride, polycarbonate, and combinations thereof.

51. (Withdrawn) A countertop comprised of the solid surface structure of Claim 7.

52. (Original) A sink comprised of the solid surface structure of Claim 7.

53. (Original) The sink of Claim 52, wherein the sink is bowl-shaped.

54. (Withdrawn) A lavatory comprised of the solid surface structure of Claim 7.

55. (Withdrawn) The lavatory of Claim 54, including a bowl-shaped basin.

56. (Withdrawn) A desktop comprised of the solid surface structure of Claim 7.

57. (Withdrawn) A table top comprised of the solid surface structure of Claim 7.

58. (Withdrawn) A chair comprised of the solid surface structure of Claim 7.

59. (Withdrawn) A windowsill comprised of the solid surface structure of Claim 7.

60. (Original) The solid surface structure of Claim 10, where the first thermoplastic non-copolyester polymeric material includes a thermoplastic non-copolyester polymeric material selected from the group consisting of polymethylmethacrylate, polyvinyl chloride, polycarbonate, and combinations thereof.

61. (Original) The solid surface structure of Claim 10, where the second thermoplastic non-copolyester polymeric material includes a thermoplastic non-copolyester polymeric material selected from the group consisting of polymethylmethacrylate, polyvinyl chloride, polycarbonate, and combinations thereof.

62. (Original) The solid surface structure of Claim 10, where the third thermoplastic non-copolyester polymeric material includes a thermoplastic non-copolyester polymeric material selected from the group consisting of polymethylmethacrylate, polyvinyl chloride, polycarbonate, and combinations thereof.

63. (Withdrawn) A countertop comprised of the solid surface structure of Claim 10.

64. (Original) A sink comprised of the solid surface structure of Claim 10.

65. (Original) The sink of Claim 64, wherein the sink is bowl-shaped.

66. (Original) A lavatory comprised of the solid surface structure of Claim 10.

67. (Withdrawn) A countertop comprised of the solid surface structure of Claim 10.

68. (Withdrawn) A desktop comprised of the solid surface structure of Claim 10.

69. (Withdrawn) A table top comprised of the solid surface structure of Claim 10.

70. (Withdrawn) A chair comprised of the solid surface structure of Claim 10.

71. (Original) A windowsill comprised of the solid surface structure of Claim 10.

72. (Original) The solid surface structure of Claim 13, where the first thermoplastic non-copolyester polymeric material includes a thermoplastic non-copolyester polymeric material selected from the group consisting of polymethylmethacrylate, polyvinyl chloride, polycarbonate, and combinations thereof.

73. (Original) The solid surface structure of Claim 13, where the second thermoplastic non-copolyester polymeric material includes a thermoplastic non-copolyester polymeric material selected from the group consisting of polymethylmethacrylate, polyvinyl chloride, polycarbonate, and combinations thereof.

74. (Withdrawn) A countertop comprised of the solid surface structure of Claim 13.

75. (Original) A sink comprised of the solid surface structure of Claim 13.

76. (Original) The sink of Claim 75, wherein the sink is bowl-shaped.

77. (Withdrawn) A lavatory comprised of the solid surface structure of Claim 13.

78. (Withdrawn) The lavatory of Claim 77, including a bowl-shaped basin.
79. (Withdrawn) A desktop comprised of the solid surface structure of Claim 13.
80. (Withdrawn) A table top comprised of the solid surface structure of Claim 13.
81. (Withdrawn) A chair comprised of the solid surface structure of Claim 13.
82. (Withdrawn) A windowsill comprised of the solid surface structure of Claim 13.
83. (Withdrawn) A countertop comprised of the solid surface structure of Claim 16.
84. (Original) A sink comprised of the solid surface structure of Claim 16.
85. (Original) The sink of Claim 84, wherein the sink is bowl-shaped.
86. (Original) A lavatory comprised of the solid surface structure of Claim 16.
87. (Original) The lavatory of Claim 86, including a bowl-shaped basin.
88. (Original) A desktop comprised of the solid surface structure of Claim 16.
89. (Original) A table top comprised of the solid surface structure of Claim 16.
90. (Original) A chair comprised of the solid surface structure of Claim 16.
91. (Original) A windowsill comprised of the solid surface structure of Claim 16.